

**REMARKS**

This amendment is responsive to the Office Action of February 25, 2009. Reconsideration and allowance of claims 1, 7, 8, 10, 11, and 17-26 are requested.

**The Office Action**

Claims 1, 7, 8, 10, 11, 17-19, and 21 stand rejected under 35 U.S.C. § 102(b) over Hirano (JP2001-056143).

Claims 10, 20, and 23 stand rejected under 35 U.S.C. § 103 over Hirano in view of Ogino (US 5,479,939).

Claims 22, 24, and 25 stand rejected under 35 U.S.C. § 103 over Hirano in view of Lidow (US 4,228,806).

**The Claims Distinguish Patentably  
Over the References of Record**

Claim 1 has been amended to call for reducing either a size or a quality of an image output by an electronic device in response to detecting theta waves from a user. By contrast, Hirano discloses reducing the air volume or noise level of an air conditioner or the volume of a stereo. There is no suggestion of reducing picture size or quality. Moreover, because Hirano's motivation to reduce the air flow, noise level, or volume flows from a desire to save energy and reducing picture size or quality would not save energy, it is submitted that claim 1 and claims 7, 17, 23, and 26 dependent therefrom now distinguish patentably and unobviously over the references of record.

New claim 26 further calls for sensing the brainwaves of multiple users and switching the electronic device off or to a hibernation mode in response to detecting delta waves or a REM state in all of the users. Antecedent basis for claim 26 is found at least at page 2, line 3 of the specification. Hirano does not address or fairly suggest accommodating multiple users. Accordingly, it is submitted that claim 26 distinguishes yet more strongly over Hirano and the references of record.

Claim 18 has been limited to reducing the image size or quality in response to a detection signal indicative of a first detected brainwave state. Hirano only discloses reducing air flow, noise level, or volume and makes no suggestion of reducing image size or quality. Accordingly, it is submitted that claim 8 and claims 10, 11, 18, 22, and 24 dependent therefrom distinguish patentably and unobviously over the references of record.

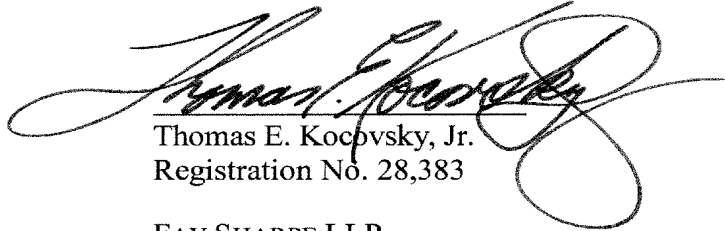
Claim 19 calls for reducing the size of an image or the quality of an image in response to determining that the user is probably asleep. By contrast, Hirano reduces air flow, noise level, or volume and such reduction is in response to detecting theta waves. Accordingly, it is submitted that claim 19 is not anticipated by Hirano. Moreover, because Hirano makes a reduction to save electricity and reducing image size or quality does not save electricity, it is submitted that claim 19 and claims 20, 21, and 25 dependent therefrom distinguish patentably over the references of record.

**CONCLUSION**

For the reasons set forth above, it is submitted that no claim is anticipated by and that all claims are patentable over the references of record. An early allowance of all claims is requested.

In the event the Examiner considers personal contact advantageous to the disposition of this case, the Examiner is requested to telephone Thomas Kocovsky at 216.363.9000.

Respectfully submitted,



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